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Amendments to the Claims

Please cancel claims 1 to 4, 10, and 17 without prejudice to their reintroduction and amend claims 7, 12, 13, 19, 20, 22, 23, 24, 28 and 29 as follows:

Claims 1 to 4 (Cancelled)

- 5. (Original) A process for the manufacture of a liquid crystalline polymer comprising:
- (a) contacting, in the absence of added solvent, a partially aromatic polyester, having repeat units of the formula

and

with one or more compounds of the formula HO-R³-CO₂H (III), one or more compounds of the formula HO-R⁴-OH (IV), and a carboxylic acid anhydride, under conditions to form esters of (III) and (IV) by reaction with said carboxylic acid anhydride, and

(b) heating the mixture resulting from (a) at a temperature and for a sufficient amount of time to form a liquid crystalline polymer wherein

each R1 is independently hydrocarbylene or substituted hydrocarbylene;

each R2 is independently alkylene or substituted alkylene;

each R3 is independently arylene or substituted arylene; and

each R4 is independently arylene or substituted arylene;

and provided that (IV) is present in an amount, based on the amount of (II) present in said partially aromatic polyester, to achieve a total diol stoichiometric excess of 0.5 to 15 mole percent.

6. (Original) The process of claim 5 wherein said carboxylic anhydride is acetic anhydride.

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7. (Currently amended) The process of claim 6 wherein:

from 90 to 100 mole percent of R^1 is p-phenylene, and from 0 to 10 mole percent of R^1 is m-phenylene;

from 90.0 to 100 mole percent of R² is -CH₂CH₂- and from 0 to 10.0 mole percent of R² is -CH₂CH₂OCH₂CH₂-;

(V) is -O-R⁴-O-:

each R4 is 4,4'-biphenylene;

(III) is a mixture of

the molar ratio of (I):[(II)+(V)] is about 1.0:1.0; the molar ratio of (I):[(IIIA)+(IIIB)] is about 1.0:1.0 to about 1.0:4.0; and the molar ratio of (IIIA):(IIIB) is about 5:1 to about 1:2; and

the stoichiometric excess is 1 to 3 percent.

- 8. (Original) The product of the process of any one of claims 5, 6 or 7.
- 9. (Original) The process as recited in claim 5 comprising the additional step of treating the liquid crystalline polymer with a monomeric functional compound to reduce its melt viscosity at a shear rate of 1000 sec⁻¹ by at least 10%.
 - 10. (Cancelled)
 - 11. (Original) A container comprising the product of claim 8.
- 12. (Currently amended) The container of Claim 40 11 that is a pouch or a bag.

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- 13. (Currently amended) The container of Claim 4011, comprising said liquid crystalline polymer, that is a rigid container selected from the group consisting of a tray, cup, can, bucket, tub, box, pipe, bowl, tube, parison, and carton.
- 14. (Original) The container of Claim 13 that is a carton prepared from paperboard extrusion-coated with said liquid crystalline polymer.
- 15. (Original) The container of Claim 13 that is a thermoformed multilayer layer cup comprising said liquid crystalline polymer as a barrier layer.
- 16. (Original) The container of Claim 15 formed from a multilayer structure comprising exterior layers comprising polypropylene and an inner layer comprising said liquid crystalline polymer, with co-extrudable adhesive layers bonding said polypropylene layers to said liquid crystalline polymer layer.
 - 17. (Cancelled)
- 18. (Original) A film or sheet comprising the product of any one of claims 5, 6 or 7.
- 19. (Currently amended) The film of Claim 4718 that is a monolayer blown film comprising said liquid crystalline polymer.
- 20. (Currently amended) The film or sheet of Claim 4718 that is a multilayer structure comprising at least one layer comprising said liquid crystalline polymer.
- 21. (Original) The film or sheet of Claim 20 wherein said multilayer structure comprises exterior layers comprising polypropylene and an inner layer comprising said liquid crystalline polymer, with co-extrudable adhesive layers bonding said polypropylene layers to said liquid crystalline polymer layer.
- 22. (Currently amended) The-A laminate comprising the film or sheet of Claim 47 18 bonded, by lamination, extrusion coating or co-extrusion coating, to a

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substrate selected from the group consisting of paper, paperboard, aluminum foil, fabric, nonwoven material, and a film substrate comprising another polymer selected from the group consisting of poly(vinylidene fluoride), nylon-6,6, biaxially oriented polypropylene, biaxially oriented poly(ethylene terephthalate), and polyimide.

- 23. (Currently amended) A laminate comprising The film or sheet of Claim 22 that comprises-Kraft- kraft paper extrusion coated with said the liquid crystalline polymer film or sheet of claim 18.
- 24. (Currently amended) <u>A laminate comprising</u> The film or sheet of Claim 22 that comprises-paperboard extrusion coated with said the liquid crystalline polymer film or sheet of claim 18.
- 25. (Original) The container of claim 14 which also comprises a heat seal wherein said liquid crystalline polymer forms both sides of said heat seal.
- 26. (Original) The film or sheet of claim 20 that shrinks in any direction more than 4% when heated to 90°C.
- 27. (Original) A process for coating paper with a liquid crystalline polymer, comprising, contacting a surface of a paper sheet with a molten sheet of liquid crystalline polymer to form a coated paper sheet, then while said liquid crystalline polymer on said coated paper sheet is still at least partially molten applying pressure by having a surface which contacts said liquid crystalline polymer on coated paper sheet, said surface having a temperature below a solidification temperature of said liquid crystalline polymer and which applies pressure to said liquid crystalline polymer on coated paper sheet to produce a liquid crystalline polymer coated paper sheet wherein said liquid crystalline polymer is solid.
- 28. (Currently amended) The process as recited in claim 27, wherein said liquid crystalline polymer comprises the <u>a</u>liquid crystalline polymer of claim 1 having repeat units of the formulae

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wherein:

each R¹ is independently hydrocarbylene or substituted hydrocarbylene; each R² is independently saturated hydrocarbylene or substituted saturated hydrocarbylene;

each R⁴ is independently arylene or substituted arylene;
(V) is about 0.4 to about 32 mole percent of the total of (I) present;
the molar ratio of (I):[(II)+(V)] is about 1.0:1.0;
the molar ratio of (I):[(IIIA)+(IIIB)] is about 1.0:1.0 to about 1.0:4.0; and the molar ratio of (IIIA):(IIIB) is about 5:1 to about 1:2.

- 29. (Currently amended) The process as recited in claim 27 wherein said apparatus-surface is one or two quench rolls.
 - 30. (Original) The product of the process of claim 27.
 - 31. (Original) A container comprising the product of claim 30.